

# EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	19761	600/407-480.ccls.	US-PGPUB; USPAT	AND	ON	2008/10/27 10:12
L2	251	73/585.ccls.	US-PGPUB; USPAT	AND	ON	2008/10/27 10:13
L3	265	367/87.ccls.	US-PGPUB; USPAT	AND	ON	2008/10/27 10:13
L4	20267	1 2 3	US-PGPUB; USPAT	OR	ON	2008/10/27 10:13
L5	87429	thermal near3 expansion near3 coefficient	US-PGPUB; USPAT	AND	ON	2008/10/27 10:14
L6	1448	L5 a61\$	US-PGPUB; USPAT	AND	ON	2008/10/27 10:14
L7	681846	shell\$1 or \$2capsul\$4	US-PGPUB; USPAT	AND	ON	2008/10/27 10:14
L8	390	L6 and L7	US-PGPUB; USPAT	AND	ON	2008/10/27 10:14
L9	474564	wavelength	US-PGPUB; USPAT	AND	ON	2008/10/27 10:14
L10	96	L8 L9	US-PGPUB; USPAT	AND	ON	2008/10/27 10:14
L11	19	10 and 4	US-PGPUB; USPAT	AND	ON	2008/10/27 10:14
S1	36	("20010002275" "20020022004" "20020034537" "20020044909" "20020103517" "20020132045" "20020160195" "5447710" "5472683" "5500204" "5521218" "5525328" "5543133" "5560932" "5573783" "5580579" "5840023" "6090858" "6123923" "6139819" "6143276" "6180085" "6180087" "6183726" "6190641" "6264914" "6264917" "6264919" "6264920" "6270806" "6331289" "6344272" "6375931" "6395257" "6403056" "6428811").PN.	US-PGPUB; USPAT	AND	OFF	2007/08/27 12:46
S2	7458	(non adj spher\$5) or ("not" with spher\$5)	US-PGPUB; USPAT	AND	OFF	2007/08/27 12:47
S3	1	S1 S2	US-PGPUB; USPAT	AND	OFF	2007/08/27 14:37
S4	2081299	metal\$4	US-PGPUB; USPAT	AND	OFF	2007/08/27 14:37
S7	345356	("ir" near4 (wave\$6 or light or radiat\$3)) or (infrared or "NIR" or (infra adj red))	US-PGPUB; USPAT	AND	ON	2007/08/27 14:41
S11	42795	(contrast near4 agent) or (nano adj (rod or partic\$5)) or (nanopartic\$5) or (nanorod\$1)	US-PGPUB; USPAT	AND	ON	2007/08/27 14:45
S13	786	S11 S2	US-PGPUB; USPAT	AND	ON	2007/08/27 14:45

## EAST Search History

S14	380	S7 S13	US-PGPUB; USPAT	AND	ON	2007/08/27 14:45
S15	364	S4 S14	US-PGPUB; USPAT	AND	ON	2007/08/27 14:46
S16	2172757	imag\$3 or detect\$3	US-PGPUB; USPAT	AND	ON	2007/08/27 14:46
S17	339	S15 S16	US-PGPUB; USPAT	AND	ON	2007/08/27 14:50
S18	67194	thermal with pressure	US-PGPUB; USPAT	AND	ON	2007/08/27 14:51
S19	24	S17 S18	US-PGPUB; USPAT	AND	ON	2007/08/27 14:50
S20	46135	thermal near8 pressure	US-PGPUB; USPAT	AND	ON	2007/08/27 14:51
S21	18	S17 S20	US-PGPUB; USPAT	AND	ON	2007/08/27 14:51
S22	7466	(non adj spher\$5) or ("not" with spher\$5)	US-PGPUB; USPAT	AND	OFF	2007/08/28 13:05
S23	2082421	metal\$4	US-PGPUB; USPAT	AND	OFF	2007/08/28 13:05
S24	345623	("ir" near4 (wave\$6 or light or radiat\$3)) or (infrared or "NIR" or (infra adj red))	US-PGPUB; USPAT	AND	ON	2007/08/28 13:05
S25	42838	(contrast near4 agent) or (nano adj (rod or partic\$5)) or (nanopartic\$5) or (nanorod\$1)	US-PGPUB; USPAT	AND	ON	2007/08/28 13:05
S26	788	S25 S22	US-PGPUB; USPAT	AND	ON	2007/08/28 13:05
S27	382	S24 S26	US-PGPUB; USPAT	AND	ON	2007/08/28 13:05
S28	366	S23 S27	US-PGPUB; USPAT	AND	ON	2007/08/28 13:05
S29	2174314	imag\$3 or detect\$3	US-PGPUB; USPAT	AND	ON	2007/08/28 13:05
S30	341	S28 S29	US-PGPUB; USPAT	AND	ON	2007/08/28 13:05
S31	46163	thermal near8 pressure	US-PGPUB; USPAT	AND	ON	2007/08/28 13:25
S32	18	S30 S31	US-PGPUB; USPAT	AND	ON	2007/08/28 13:24
S34	21644	thermal near3 pressure	US-PGPUB; USPAT	AND	ON	2007/08/28 14:06
S35	2189	(radiation or wave) same S34	US-PGPUB; USPAT	AND	ON	2007/08/28 14:00
S36	299	imaging nanorod	US-PGPUB; USPAT	AND	ON	2007/08/28 14:07

## EAST Search History

S37	4763	thermal adj2 pressure	US-PGPUB; USPAT	AND	ON	2007/08/28 14:07
S38	7	S36 S37	US-PGPUB; USPAT	AND	ON	2007/08/28 14:06
S39	7	S36 S37	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 14:07
S40	305	imaging nanorod	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 14:08
S41	6180	thermal adj2 pressure	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 14:07
S42	7	S40 S41	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 14:07
S43	2350	imaging (nanorod or (nonspherical or (non adj3 spherical)))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 14:09
S44	10	S41 S43	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 14:09
S45	14	"US 5840023"	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2007/08/28 14:20
S46	2	"5840023".pn.	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2007/08/28 14:20
S49	174	(optoacoustic or acoustic) and (thermal adj pressure)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	OFF	2007/08/28 15:01

## EAST Search History

S50	1528806	imaging or detecting	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	OFF	2007/08/28 15:01
S51	117	S49 S50	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	OFF	2007/08/28 15:40
S52	1	nanorod optoacoustic	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:40
S53	0	nonspherical optoacoustic	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:40
S54	2	(non adj spherical) optoacoustic	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:41
S55	249	optoacoustic (imaging or detection)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:41
S56	4647725	metal\$3 or gold	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:42
S57	110	S55 S56	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:43
S58	999820	contrast	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:53
S59	49	S57 S58	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:43

## EAST Search History

S60	32734	contrast near3 (medi\$3 or agent)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:54
S61	15	S57 S60	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/08/28 15:54
S62	5	(US-20020159951-\$ or US-20050019266-\$).did. or (US-7129091-\$ or US-6344272-\$ or US-6662040-\$).did.	US-PGPUB; USPAT	AND	OFF	2007/09/04 10:59
S63	875261	organic	US-PGPUB; USPAT	AND	OFF	2007/09/04 10:59
S64	5	S62 S63	US-PGPUB; USPAT	AND	OFF	2007/09/04 10:59
S65	26	boppart.in.	US-PGPUB; USPAT	AND	OFF	2008/05/12 15:31
S66	0	"10764213"	US-PGPUB; USPAT	AND	OFF	2008/05/12 15:37
S67	1	"10/764213"	US-PGPUB; USPAT	AND	OFF	2008/05/12 15:37
S68	1292	nanorod	US-PGPUB; USPAT	AND	ON	2008/05/12 18:00
S69	2	S65 S68	US-PGPUB; USPAT	AND	ON	2008/05/12 18:00
S70	10	toublan.in.	US-PGPUB; USPAT	AND	ON	2008/05/12 18:00
S71	0	S68 S70	US-PGPUB; USPAT	AND	ON	2008/05/12 18:00
S72	1292	nanorod	US-PGPUB; USPAT	AND	ON	2008/05/14 14:55
S73	713562	nanorod or rod	US-PGPUB; USPAT	AND	ON	2008/05/14 14:55
S74	26	boppart.in.	US-PGPUB; USPAT	AND	OFF	2008/05/14 14:55
S75	10	S73 S74	US-PGPUB; USPAT	AND	OFF	2008/05/14 14:55
S76	1	"7198777".pn.	US-PGPUB; USPAT	AND	OFF	2008/05/14 15:01
S77	4469	contrast with (rod or nanorod or (nonspherical) or (non adj spherical))	US-PGPUB; USPAT	AND	ON	2008/05/14 15:02
S78	566658	(optical or optoacoustic or oct) and imag\$3	US-PGPUB; USPAT	AND	ON	2008/05/14 15:03
S79	563	S77 S78	US-PGPUB; USPAT	AND	ON	2008/05/14 15:03

## EAST Search History

S80	566714	((photoacoustic) or (photo adj acoustic) or optical or optoacoustic or oct) and imag\$3	US-PGPUB; USPAT	AND	ON	2008/05/14 15:04
S81	563	S77 S80	US-PGPUB; USPAT	AND	ON	2008/05/14 15:05
S82	94	S81 a61\$	US-PGPUB; USPAT	AND	ON	2008/05/14 15:05
S83	0	Ultrahigh-Resolution Adaptive Optics-Optical Coherence Tomography	US-PGPUB; USPAT	WITH	ON	2008/05/14 15:17
S84	15	Adaptive Optics Optical Coherence Tomography	US-PGPUB; USPAT	WITH	ON	2008/05/14 15:17
S85	0	S77 S84	US-PGPUB; USPAT	AND	ON	2008/05/14 15:17
S87	35935	(rod or nanorod or (nonspherical) or (non adj spherical)) same (inject\$3 administer\$3 contrast)	US-PGPUB; USPAT	OR	ON	2008/05/14 15:22
S88	6242	S87 and a61\$	US-PGPUB; USPAT	OR	ON	2008/05/14 15:22
S89	945368	metallic or gold or silver or cobalt or nikel	US-PGPUB; USPAT	OR	ON	2008/05/14 15:28
S90	701	S87 same S89	US-PGPUB; USPAT	OR	ON	2008/05/14 15:29
S91	114	S90 and a61\$	US-PGPUB; USPAT	OR	ON	2008/05/14 15:29
S92	44	S91 and imag\$3	US-PGPUB; USPAT	OR	ON	2008/05/14 15:30
S93	1262	((photoacoustic) or (photo adj acoustic) or optical or optoacoustic or oct) same S87	US-PGPUB; USPAT	AND	ON	2008/05/14 15:36
S94	103	S93 a61\$	US-PGPUB; USPAT	AND	ON	2008/05/14 15:37
S95	38	S89 S94	US-PGPUB; USPAT	AND	ON	2008/05/14 15:37
S96	35970	(rod or nanorod or (nonspherical) or (non adj spherical)) same (inject\$3 administer\$3 contrast)	US-PGPUB; USPAT	OR	ON	2008/05/15 09:15
S97	4074	soft adj (xray or (x adj ray))	US-PGPUB; USPAT	OR	ON	2008/05/15 09:17
S98	10434	(rod or nanorod or (nonspherical) or (non adj spherical)) same (contrast)	US-PGPUB; USPAT	OR	ON	2008/05/15 09:17
S99	15	S97 and S98	US-PGPUB; USPAT	OR	ON	2008/05/15 09:17
S10 0	1489179	((photoacoustic) or (photo adj acoustic) or optical or optoacoustic or oct)	US-PGPUB; USPAT	AND	ON	2008/05/15 09:22
S10 1	13	S99 S100	US-PGPUB; USPAT	AND	ON	2008/05/15 09:22
S10 2	5	S101 a61\$	US-PGPUB; USPAT	AND	ON	2008/05/15 09:26

## EAST Search History

S10 3	97	zawadzki.in.	US-PGPUB; USPAT	AND	ON	2008/05/15 09:27
S10 4	12	S103 a61\$	US-PGPUB; USPAT	AND	ON	2008/05/15 09:27
S10 5	1617	link.in.	US-PGPUB; USPAT	AND	ON	2008/05/15 10:19
S10 6	112564	gold and silver	US-PGPUB; USPAT	AND	ON	2008/05/15 10:19
S10 7	45	S105 S106	US-PGPUB; USPAT	AND	ON	2008/05/15 10:20
S10 8	12880	plasmon	US-PGPUB; USPAT	AND	ON	2008/05/15 10:20
S10 9	0	S107 S108	US-PGPUB; USPAT	AND	ON	2008/05/15 10:20
S11 0	1299	nanorod	US-PGPUB; USPAT	AND	ON	2008/05/15 10:20
S11 1	0	S107 S110	US-PGPUB; USPAT	AND	ON	2008/05/15 10:20
S11 2	20519	georgia	US-PGPUB; USPAT	AND	ON	2008/05/15 10:20
S11 3	0	S107 S112	US-PGPUB; USPAT	AND	ON	2008/05/15 10:20
S11 4	0	(stephan with link).in.	US-PGPUB; USPAT	AND	ON	2008/05/15 10:21
S11 5	3308	warfare with agent	US-PGPUB; USPAT	AND	ON	2008/05/15 11:06
S11 6	1816	S100 S115	US-PGPUB; USPAT	AND	ON	2008/05/15 11:06
S11 7	555955	((photoacoustic) or (photo adj acoustic) or (optical with coherence) or optoacoustic or oct)	US-PGPUB; USPAT	AND	ON	2008/05/15 11:10
S11 8	809	S115 S117	US-PGPUB; USPAT	AND	ON	2008/05/15 11:10
S11 9	8459	((photoacoustic) or (photo adj acoustic) or (optical with coherence) or optoacoustic)	US-PGPUB; USPAT	AND	ON	2008/05/15 11:11
S12 0	104	S115 S119	US-PGPUB; USPAT	AND	ON	2008/05/15 11:11
S12 1	3510	(\$4warfare or (bio adj warfare) or biowarfare) with agent	US-PGPUB; USPAT	AND	ON	2008/05/15 11:13
S12 2	106	S119 S121	US-PGPUB; USPAT	AND	ON	2008/05/15 11:13
S12 3	14	S122 a61\$	US-PGPUB; USPAT	AND	ON	2008/05/15 11:13
S12 4	89826	thermal with expansion with coefficient	US-PGPUB; USPAT	AND	ON	2008/10/23 11:49

## EAST Search History

S12 5	87429	thermal near3 expansion near3 coefficient	US-PGPUB; USPAT	AND	ON	2008/10/23 11:50
S12 6	7939	nano?part\$8	US-PGPUB; USPAT	AND	ON	2008/10/23 11:50
S12 7	19	S126 same S125	US-PGPUB; USPAT	AND	ON	2008/10/23 11:51
S12 8	1448	S125 a61\$	US-PGPUB; USPAT	AND	ON	2008/10/23 11:52
S12 9	681846	shell\$1 or \$2capsul\$4	US-PGPUB; USPAT	AND	ON	2008/10/23 11:54
S13 0	390	S128 and S129	US-PGPUB; USPAT	AND	ON	2008/10/23 11:54
S13 1	474564	wavelength	US-PGPUB; USPAT	AND	ON	2008/10/23 11:55
S13 2	96	S130 S131	US-PGPUB; USPAT	AND	ON	2008/10/23 11:55